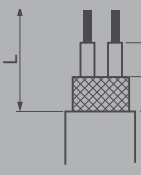





























## 103 Series

Type	Contact Termination	Type "A"		Type "Z"		Number of Contacts	Cable Clamp <sup>1)</sup>				Part Number Crimping Tool	Part Number Positioner	Part Number Insertion Tool	Part Number Extraction Tool	Wrench Size  1	Wrench Size  2 <sup>3)</sup>	Torque [Nm]				
		Plug	Receptacle	Plug	Receptacle			L	B	C											
103 A 051 Z	Solder					2	S	8	2.5	2.5					10	10	1.0				
						2	U	8	-	2.5								10	10	1.0	
						2	E	8	2	2.5									10	10	1.0
103 A 052 Z	Solder					3	S	8	2.5	2.5					10	10	1.0				
						3	U	8	-	2.5								10	10	1.0	
						3	E	8	2	2.5									10	10	1.0
103 A 053 Z	Solder					4	S	8.5	2.5	2.5					10	10	1.0				
						4	U	9.5	-	2.5								10	10	1.0	
						4	E	8.5	2	2.5									10	10	1.0
103 A 054 Z	Solder					5	S	8.5	2.5	2.5					10	10	1.0				
						5	U	9.5	-	2.5								10	10	1.0	
						5	E	8.5	2	2.5									10	10	1.0
103 A 056 Z	Solder					6	S	8.5	2.5	2					10	10	1.0				
						6	U	8.5	-	2								10	10	1.0	
						6	E	9	2	2									10	10	1.0
	Crimp						6	S	12.5	2.5	3	TX00.240				10	10	1.0			
							6	U	8.5	-	3	TX00.240							10	10	1.0
							6	E	12.5	2	3	TX00.240							10	10	1.0

All specifications are typical and have to be adjusted according to the cable construction and dimensions.  
Torque [Nm] are recommended values that may be influenced by the characteristics of the cable jacket.  
Tests have to be made to evaluate the exact values. To secure the cable clamp nut, we recommend the use of thread locking adhesive.

All dimensions are in millimeters and are for reference only.

<sup>1)</sup> S - Shielded cable clamp  
U - Unshielded cable clamp  
E - Sealed cable clamp

<sup>2)</sup> See Online Crimping Instructions

<sup>3)</sup> Except for DK body style: Wrench size = 9

# 103 Series

Type	Contact Termination	Type "A"		Type "Z"		Cable Clamp <sup>1)</sup>	Number of Contacts					Part Number Crimping Tool	Part Number Positioner	Part Number Insertion Tool	Part Number Extraction Tool	Wrench Size  1	Wrench Size  2 <sup>3)</sup>	Torque [Nm]
		Plug	Receptacle	Plug	Receptacle		L	B	C									
103 A 057 Z	Solder	 Plug	 Receptacle	 Type "A"	 Type "Z"	S	6	7	8.5	2.5	2					10	10	1.0
						U	6	7	6.5	2.5	2							10
		E	6	7	9	-	2									10	10	1.0
	Crimp	 Plug	 Receptacle	 Type "A"	 Type "Z"	S	7	7	12.5	2.5	3		TX00.240	TX00.210	TX00.200	10	10	1.0
						U	7	7	9	-	3		TX00.240	TX00.210	TX00.200	10	10	1.0
		E	7	7	12.5	2	3		TX00.240	TX00.210	TX00.200	10	10	1.0				
103 A 058 Z	Solder	 Plug	 Receptacle	 Type "A"	 Type "Z"	S	7	8	8.5	2.5	2					10	10	1.0
						U	7	8	6.5	2.5	2							10
		E	7	8	9	-	2								10	10	1.0	
	Solder	 Plug	 Receptacle	 Type "A"	 Type "Z"	S	9	12	8.5	2.5	2					10	10	1.0
						U	9	12	6.5	2.5	2							10
		E	9	12	9	-	2									10	10	1.0

All specifications are typical and have to be adjusted according to the cable construction and dimensions.  
Torque [Nm] are recommended values that may be influenced by the characteristics of the cable jacket.  
Tests have to be made to evaluate the exact values. To secure the cable clamp nut, we recommend the use of thread locking adhesive.  
All dimensions are in millimeters and are for reference only.

<sup>1)</sup> S - Shielded cable clamp  
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<sup>3)</sup> Except for DK body style: Wrench size = 9